

IN THE CLAIMS:

1. (Currently Amended) A positive photosensitive composition comprising:

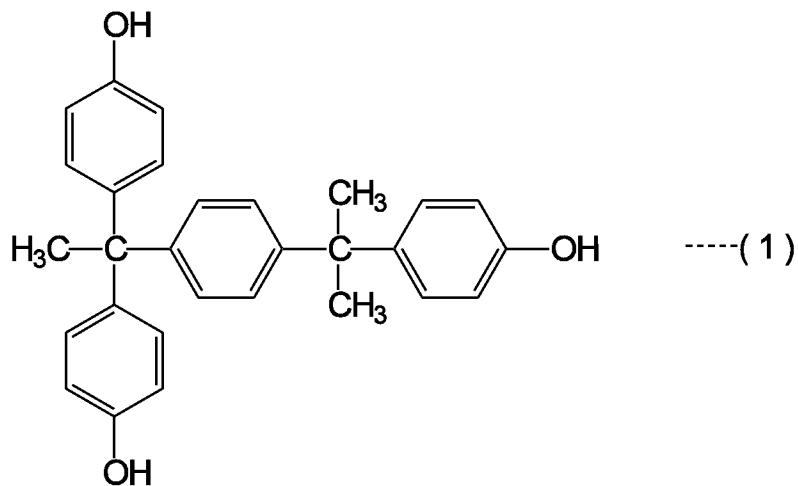
(A) an alkali soluble organic high molecular substance having a phenolic hydroxyl group;[[,]]

(B) a photo-thermal conversion material that absorbs infrared rays from an image exposure light source and converts it to heat;[[,]]

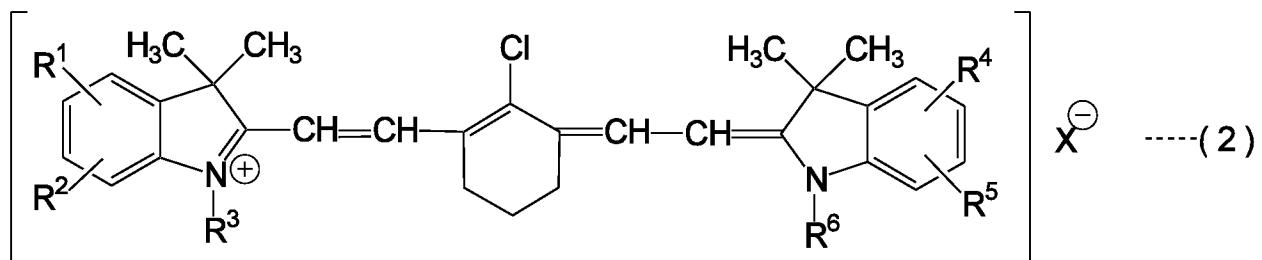
(C) at least one resin selected from the group consisting of: (1) vinylpyrrolidone/vinyl acetate copolymer, (2) vinylpyrrolidone/dimethyl- aminoethyl methacrylate copolymer, (3) vinylpyrrolidone/vinyl caprolactam/ dimethylaminoethyl methacrylate copolymer, (4) polyvinyl acetate, (5) polyvinyl butyral, (6) polyvinyl formal, (7) styrene/maleic acid copolymer, (8) 10 terpene phenol resin, (9) alkylphenol resin, (10) melamine/formaldehyde resin, and (11) ketone resin;[[,]] and

(D) a dissolution inhibitor, said alkali soluble organic high molecular substance being in a range from 80 to 95 wt. % of the total solid amount of components (A), (B), (C) and (D), said photo-thermal conversion material being in a range from 0.1 to 10 wt. % of the total solid amount of components (A), (B), (C) and (D), said dissolution inhibitor being in a range from 0.5 to 8 wt. % of the total solid amount of components (A), (B), (C) and (D).

2. (Original) The positive photosensitive composition according to claim 1, wherein the dissolution inhibitor (D) is a compound represented by the following chemical formula (1).



3. (Previously Presented) The positive photosensitive composition according to claim 1, wherein the photo-thermal conversion material (B) is a compound represented by the following formula (2).



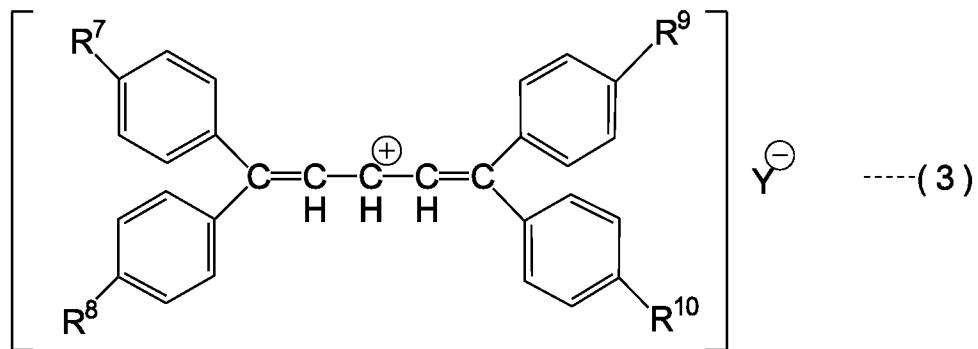
5

wherein each of “R<sup>1</sup>” to “R<sup>6</sup>” independently represents a hydrogen atom, an alkyl group having 1 to 3 carbon atoms, or an alkoxy group having 1 to 3 carbon atoms, and “X” represents a halogen atom, ClO<sub>4</sub>, BF<sub>4</sub>, p-CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>, or PF<sub>6</sub>.

10

4. (Previously Presented) The positive photosensitive composition according to claim 1, wherein the photo-thermal conversion material (B) is a compound represented by the

following formula (3).



wherein each of “ $\text{R}^7$ ”~“ $\text{R}^{10}$ ” independently represents a hydrogen atom, a methoxyl group,

5       $\text{N}(\text{CH}_3)_2$ , or  $\text{N}(\text{C}_2\text{H}_5)_2$ , and “ $\text{Y}$ ” represents  $\text{C}_4\text{H}_9\text{-B}(\text{C}_6\text{H}_5)_3$ ,  $\text{p-CH}_3\text{C}_6\text{H}_4\text{SO}_3$ , or  $\text{CF}_3\text{SO}_3$ .

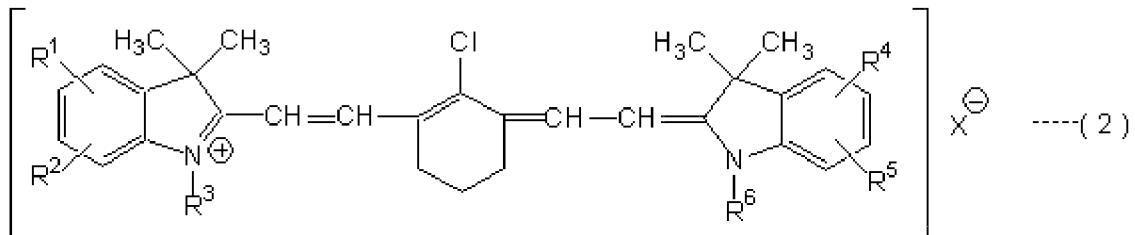
5. (Previously Presented) A photofabrication method comprising:

exposing the positive photosensitive composition as defined in claim 1 to a laser beam having a wavelength of from 700 to 1,100 nm. to form a positive image.

6. (Currently Amended) The photo fabrication method according to claim 5,  
[[which]] further comprising the step of applying said photosensitive composition is applied  
to the production of a printing plate, an electronic component [[and]] or a precision equipment component.

7. (Previously Presented) A plate-making method comprising:  
exposing the positive photosensitive composition as defined in claim 1 to a laser beam having a wavelength of from 700 to 1,100 nm. to form a positive image.

8. (Previously Presented) The positive photosensitive composition according to claim 2, wherein the photo-thermal conversion material (B) is a compound represented by the following formula (2).

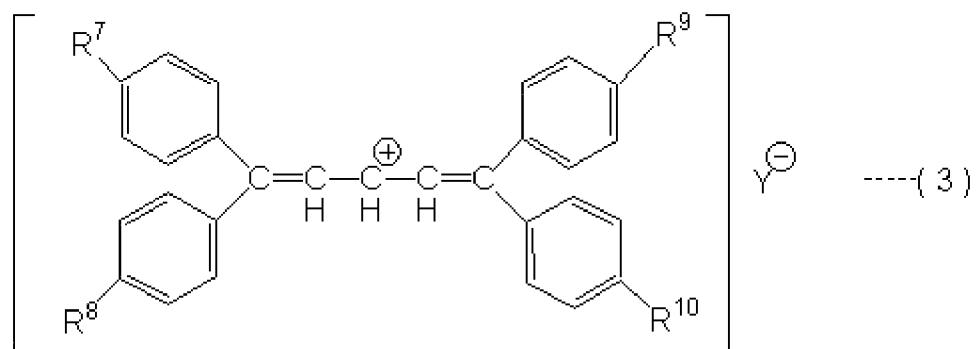


5

wherein each of "R<sup>1</sup>" to "R<sup>6</sup>" independently represents a hydrogen atom, an alkyl group having 1 to 3 carbon atoms, or an alkoxy group having 1 to 3 carbon atoms, and "X" represents a halogen atom, ClO<sub>4</sub>, BF<sub>4</sub>, p-CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>, or PF<sub>6</sub>. -----

9. (Previously Presented) The positive photosensitive composition according to claim 2, wherein the photo-thermal conversion material (B) is a compound represented by the following formula (3).

5



wherein each of “R<sup>7</sup>”~“R<sup>10</sup>” independently represents a hydrogen atom, a methoxyl group, N(CH<sub>3</sub>)<sub>2</sub>, or N(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>, and “Y” represents C<sub>4</sub>H<sub>9</sub>-B(C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>, p-CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>, or CF<sub>3</sub>SO<sub>3</sub>.

10. (Previously Presented) A photofabrication method comprising:  
exposing the positive photosensitive composition as defined in claim 2 to a laser beam having a wavelength of from 700 to 1,100 nm. to form a positive image.

11. (Currently Amended) The photofabrication method according to claim 10,  
further comprising the step of applying said positive photosensitive composition which is applied to the production of a printing plate, an electronic component [[and]] or a precision equipment component.

12. (Previously Presented) A plate-making method comprising:  
exposing the positive photosensitive composition as defined in claim 2 to a laser beam having a wavelength of from 700 to 1,100 nm. to form a positive image.